

COMPARISON OF CLAIMED INVENTION WITH U.S. 4,136,831

FEATURE	CLAIM 29	CLAIM 31	CLAIM 36	US '831	COMMENTS
FEED	Ligno material	Ligno material	Ligno material	chips	
PRESTEAM	Typical	Typical	Typical	(2)	Optional/conventional
Pressure (psig)	0	0	0	0	Optional/conventional
Temp (deg C)	Up to 100	Up to 100	Up to 100	90-100	Optional/conventional
CONDITIONING	(3)	(3)	(3)	(3)	
pressure	15-25	15-25	10-25	0	
temp		Above 100	Above 100	90-100	
COMPRESSION	(6)	(6)	(6)	(4)	
pressure	15-25	15-25	10-25	0	
temp		Above 100	Above 100	90-100	
ratio	>4:1			?	
PREHEAT	(20)	(20)	(20)	(6)	
pressure	Saturated steam	Above compression p	Saturated steam	Saturated steam	
temp			>T _g	130-200	
time			< 30 sec		
REFINING	TMP (32)	TMP (32)	TMP (32)	MDF (8)	
Pressure	Saturated steam	Above compression p			
Temp			>T _g	130-200	
disc speed (rpm)			>1500/1800		

(number) refers to identifier in respective figures

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Exhibit 2